

## SEQUENCE LISTING

<110> Zarling, David  
Reddy, Gurucharan  
Pati, Sushma

<120> Domain Specific Gene Evolution

<130> A-66914-1/RFT/RMS/BTC

<140> US 09/373,347

<141> 1999-08-12

<150> US 60/096,330

<151> 1998-08-12

<150> US 09/133,934

<151> 1998-08-14

<160> 6

<170> PatentIn version 3.0

<210> 1

<211> 80

<212> DNA

<213> Artificial

<220>

<223> Synthetic

<220>

<221> UNSURE

<222> (31)..(44)

<223> "n" at positions 31-44 can be any base.

<400> 1

tcctgcaagg cttctggcta ctccttcacc nnnnnnnnnn nnnnctgggt gaagcagagg 60

cctggacaag gccttgagtg 80

<210> 2

<211> 113

<212> DNA

<213> Artificial

<220>

<223> Synthetic

<220>  
<221> UNSURE  
<222> (31)..(81)  
<223> "n" at positions 31-81 can be any base.

<400> 2  
aggcctggac aaggccttga gtggattggc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60  
nnnnnnnnnn nnnnnnnnnn naaggccaca ttgactgtag acagatcctc cag 113

<210> 3  
<211> 102  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic

<220>  
<221> UNSURE  
<222> (31)..(73)  
<223> "n" at positions 31-73 can be any base

<400> 3  
gactctgagg tctattactg tgctagaggg nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60  
nnnnnnnnnn nnntggggcc aagggaccac ggcaccgtct cc 102

<210> 4  
<211> 88  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic

<220>  
<221> UNSURE  
<222> (31)..(57)  
<223> "n" at positions 31-57 can be any base.

<400> 4  
tctccagggg agaaggtcat catgacctgc nnnnnnnnnn nnnnnnnnnn nnnnnntac 60  
tggtaccagg agaagccagg atcctccc 88

<210> 5  
 <211> 84  
 <212> DNA  
 <213> Artificial

<220>  
 <223> Synthetic

<220>  
 <221> UNSURE  
 <222> (31)..(54)  
 <223> "n" at positons 31-54 can be any base.

<400> 5  
 ccaggatcct cccccagact cctgatttat nnnnnnnnnn nnnnnnnnnn nnnngtcct 60  
 gttcgcttca gtggcagtgg gtct 84

<210> 6  
 <211> 91  
 <212> DNA  
 <213> Artificial

<220>  
 <223> Synthetic

<220>  
 <221> UNSURE  
 <222> (32)..(61)  
 <223> "n" at positions 32-61 can be any base.

<400> 6  
 ggaggctgaa gatgctgcca cttattactg cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60  
 nggtgctggg acaaagctgg agctcaaacg t 91